

## ABSTRACT OF THE DISCLOSURE

Different probes each having a specific base  
sequence are immobilized to each of independent areas  
5 formed on the surface of a substrate, complementary  
polynucleotides in a sample solution are hybridized to the  
probes, and each of the independent areas on the substrate  
is heated and then cooled in sequence, and hence the  
solution is recovered to extract different  
10 polynucleotides separately corresponding to individual  
probes.